



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAY 9R/31: Climb on assigned heading. Thence ....

TAKE-OFF RUNWAY 9L: Climb on assigned heading. If assigned left turn, climb to 500 before turning left. Thence ....

TAKE-OFF RUNWAY 13: Climb on assigned heading. If assigned right turn, climb to 800 before turning right. Thence ....

TAKE-OFF RUNWAY 27L: Climb on assigned heading. If assigned left turn climb to 600 before turning left. Thence...

TAKE-OFF RUNWAY 27R: Climb on assigned heading. If assigned left turn, climb to 500 before turning left. Thence...

....Maintain 3000 or assigned lower altitude and expect radar vectors to appropriate transition. Expect further clearance to filed altitude ten minutes after departure.

ARKES TRANSITION (FLL1.ARKES): Intercept VKZ VOR/DME R-348 to ARKES INT. Then as filed.

BEECH TRANSITION (FLL1.BEECH): From FLL VOR/DME via R-098 to BEECH INT. Then as filed.

MNATE TRANSITION (FLL1.MNATE): From over DHP VORTAC via R-195 to MNATE DME fix. Then as filed.

PREDA TRANSITION (FLL1.PREDA): From over DHP VORTAC via R-057 to PREDA INT. Then as filed. If filed via BR70V, expect radar vector to filed route after PREDA. If radio contact is not established by PREDA, turn right heading 120° and join filed route.

THNDR TRANSITION (FLL1.THNDR): From over DHP VORTAC via DHP R-335 to THNDR INT. Then as filed.

ZAPPA TRANSITION (FLL1.ZAPPA): Intercept DHP VORTAC R-057 to ZAPPA. Then as filed.

TAKE-OFF OBSTACLES

- NOTE: Rwy 9L: Railroad, light pole and antenna on building beginning 469' from DER, 379' left of centerline, up to 43' AGL/47' MSL. Light pole 1332' from DER , 634' right of centerline, 42' AGL/46' MSL. Tree 1977' from DER, 272' right of centerline, 55' AGL/59' MSL.
- NOTE: Rwy 9R: Light pole 545' from DER 335' left of centerline, 27' AGL/ 41' MSL. Tree 783' from DER, 396' left of centerline, 30' AGL/44' MSL. Antenna on building, fence, light pole, and multiple trees beginning 254' from DER, 133' right of centerline, up to 56' AGL/70' MSL.
- NOTE: Rwy 13: Multiple trees beginning 844' from DER, 206' left of centerline, up to 76' AGL/80' MSL. Antenna on building 534' from DER, 431' left of centerline, 11' AGL/20' MSL. Pole 910' from DER, on centerline, 30' AGL/39' MSL. Railroad crossing arm 1104' from DER, 14' right of centerline, 42' AGL/56' MSL. Multiple trees and light poles beginning 563' from DER, 53' right of centerline, up to 81' AGL/95' MSL.
- NOTE: Rwy 27L: Fence 154' from DER, 120' left of centerline, 5' AGL/13' MSL. Vehicle on road 212' from DER, 80' left of centerline, 11' AGL/20' MSL. Sign, multiple buildings, poles and trees beginning 622' from DER, 227' left of centerline, up to 97' AGL/106' MSL. Bush, multiple light poles, trees, and towers beginning 221' from DER, 41' right of centerline, up to 105' AGL/114' MSL.
- NOTE: Rwy 27R: Antenna on building, vehicle on road, railroad, and sign beginning 262' from DER, 6' left of centerline, up to 37' AGL/ 46' MSL. Multiple trees beginning 1206' from DER, 279' left of centerline, up to 93' AGL/97' MSL. Vehicle on road 584' from DER, 557' right of centerline, 24' AGL/ 33' MSL. Multiple trees beginning 2288' from DER, 848' right of centerline, up to 103' AGL/112' MSL.
- NOTE: Rwy 31: Rod on tower 299' from DER, 382' left of centerline, 14' AGL/23' MSL. Tree 1332' from DER, 458' left of centerline, 34' AGL/43' MSL. Vehicle on road 3384' from DER, 711' left of centerline, 84' AGL/94' MSL. Multiple trees and poles beginning 1180' from DER, 405' right of centerline, up to 111' AGL/116' MSL.